

# The Fifth National Climate Assessment

## Complex Systems Chapter

### Public Engagement Workshop

Agenda | January 18, 2022 | 12:00 PM - 2:00 PM ET

*The links to the workshop will be emailed to those who have registered to attend.*

#### Workshop Objectives

1. Provide an overview of the U.S. Global Change Research Program (USGCRP) and the National Climate Assessment (NCA) development process, including other opportunities for public engagement
2. Allow members of the public and assessment authors an opportunity to discuss proposed key topics, identify priority issues relevant to the chapter, and share resources
3. Give NCA chapter authors an understanding of how workshop participants use assessments, and what could be done to make the NCA more useful for decision-making

#### Agenda

12:00 pm	5 mins	Welcome	<i>USGCRP Staff</i>
12:05 pm	5 mins	Introduction to USGCRP and NCA5	<i>USGCRP Staff</i>
12:10 pm	10 mins	Summary of the Chapter with Key Examples and Next Steps <ul style="list-style-type: none"><li>• What is a complex system in a changing climate?</li><li>• Why do complexity and interactions matter for climate responses?</li></ul>	<i>Chapter Lead and Authors</i>

12:20 pm	10 mins	Participant Perspectives: Open Discussion/Inputs <ul style="list-style-type: none"><li>Questions on the assessment development process or proposed chapter content</li><li>Perspectives on complex systems and priority topic areas to be covered by this assessment chapter</li></ul> <i>Chapter Lead, Authors, &amp; Participants</i>								
12:30 pm	5 mins	Instructions for Breakout Discussions <ul style="list-style-type: none"><li>Each topic will have a designated breakout room with its own link.</li><li>At the start of the breakout discussion session, participants enter the breakout room that most interests them.</li><li>After 30 minutes, participants may choose to rotate into another topic room or stay in the same topic room. Each participant will join discussions of 1 or 2 topics in total.</li></ul> <table><tr><th>Topic</th><th>Moderators</th></tr><tr><td>NCA5 framework for complexity</td><td>Authors</td></tr><tr><td>Lived experiences</td><td>Authors</td></tr><tr><td>Managing complex interactions</td><td>Authors</td></tr></table> <i>Chapter Lead</i>	Topic	Moderators	NCA5 framework for complexity	Authors	Lived experiences	Authors	Managing complex interactions	Authors
Topic	Moderators									
NCA5 framework for complexity	Authors									
Lived experiences	Authors									
Managing complex interactions	Authors									
12:35 pm	30 mins	Discussion Session 1 <i>Participants enter breakout room of interest</i>								
1:05 pm	5 mins	Break								
1:10 pm	30 mins	Discussion Session 2 <i>Participants rotate into another topic room or stay</i>								
1:40 pm	15 mins	Wrap-up Discussion & Interactive Inputs <ul style="list-style-type: none"><li>Report out, summarize the discussion</li><li>Any topics we have missed?</li><li>Final discussion with participants</li></ul> <i>Chapter Lead, Authors, &amp; Participants</i>								

1:55 pm	5 mins	Concluding Remarks <div> <i>Chapter Lead</i> <ul style="list-style-type: none"> <li>• Opportunities to engage</li> <li>• Next steps for the assessment process</li> </ul> </div>
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Breakout Topic	Discussion Questions
<b>NCA5 Framework for Complexity</b> <i>(for those interested in the full picture)</i>	<p>What is new in research and practice on complex systems, sector interactions, and multiple stressors? What are key knowledge gaps that are barriers to action?</p> <p>How could this chapter's assessment be useful to you?</p>
<b>Lived Experiences</b> <i>(for those in need of resources and support)</i>	<p>How do climate stressors, in the context of complex systems, add to the challenges you are facing?</p> <p>Given these interactions, how do the services and support you receive conflict with one another or increase your ability to handle multiple stressors?</p>
<b>Managing Complex Interactions</b> <i>(for those involved in decision-making)</i>	<p>What types of decisions and actions create conflicts for your community, organization, government, or corporation? Examples might include regulations or rules, authority, or resources. How do these conflicts limit your effectiveness?</p> <p>Which challenges come from coordinating across your peer groups (e.g., across silos in your organization or level of government)? And which come from coordinating up or down from your position (e.g., from national to local)?</p> <p>What strategies have proven most effective in managing such interactions, reducing conflicts, or filling in gaps? How have you fostered more explicit and meaningful responsibility for diversity and equity within the complex systems in which you work?</p>